		PCT/	GB 03/02397	
A. CLASSI	IFICATION OF SUBJECT MATTER G06K7/10			
	o International Patent Classification (IPC) or to both national clas	sification and IPC		
	SEARCHED ocumentation searched (classification system followed by classification system for s	ication symbols)		
IPC 7	G06K			
Documenta	tion searched other than minimum documentation to the extent to	nat such documents are included in the	e fields searched	
Electronic d	data base consulted during the international search (name of dat	a base and, where practical, search te	rms used)	
EPO-In	ternal, PAJ, WPI Data, INSPEC			
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the	e relevant passages	Relevant to claim No.	
X	ROBERTS D A ET AL: "1D and 2D laser line scan generation using a fibre optic		1,7,25	
	resonant scanner" MICRO-OPTO-ELECTRO-MECHANICAL SYSTEMS,			
	GLASGOW, UK, 22-23 MAY 2000, vol. 4075, pages 62-73, XP008022333			
	Proceedings of the SPIE - The			
	International Society for Optical Engineering, 2000, SPIE-Int. Soc. Opt.			
	Eng, USA ISSN: 0277-786X			
	cited in the application figure 1			
		-/		
X Furt	her documents are listed in the continuation of box C.	X Patent family members a	ere isteo in addiex.	
"A" docume	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance	cited to understand the princ	r the international filing date offict with the application but tiple or theory underlying the	
E earlier document but published on or after the international filing date		"X" document of particular relevar cannot be considered novel	invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to	
chanon or other special reason (as specified)		"Y" document of particular relevar cannot be considered to invo	Involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the	
other i	ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but her the solution to the international filling date but	ments, such combination bei in the art.	one or more other such docu- ing obvious to a person skilled	
	han the priority date claimed actual completion of the international search	*&* document member of the sam Date of mailing of the interna	 	
2	2 September 2003	10/10/2003		
Name and I	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer		
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Ciarrocca, M		

Form PCT/ISA/210 (second sheet) (July 1992)

	PC1/6B 03/0239/
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
ROBERTS D A ET AL: "Dual numerical aperture confocal operation of moving fibre bar code reader" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 35, no. 19, 16 September 1999 (1999-09-16), pages 1656-1658, XP006012714 ISSN: 0013-5194 cited in the application the whole document	1,7,25
SYMS R R A: "Long-travel electrothermally driven resonant cantilever microactuators" JOURNAL OF MICROMECHANICS AND MICROENGINEERING, MAY 2002, IOP PUBLISHING, UK, vol. 12, no. 3, pages 211-218, XP002255211 ISSN: 0960-1317 cited in the application figures 1,2 page 217, left-hand column, last paragraph	1,7,25
GERLACH T ET AL: "Automatic adjustment of monomode optical waveguides by a microsystem" SEVENTH WORKSHOP ON MICROMACHINING, MICROMECHANICS AND MICROSYSTEMS IN EUROPE, MME '96, BARCELONA, SPAIN, 21-22 OCT. 1996, vol. 7, no. 3, pages 227-229, XP002255212 Journal of Micromechanics and Microengineering, Sept. 1997, IOP Publishing, UK ISSN: 0960-1317 the whole document	1,25
HOFFMANN M ET AL: "MICROMECHANICAL CANTILEVER RESONATORS WITH INTEGRATED OPTICAL INTERROGATION" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. A44, no. 1, 1 July 1994 (1994-07-01), pages 71-75, XP000469157 ISSN: 0924-4247 page 71, left-hand column, paragraph 1 figure 1	1,25
	ROBERTS D A ET AL: "Dual numerical aperture confocal operation of moving fibre bar code reader" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 35, no. 19, 16 September 1999 (1999–09–16), pages 1656–1658, XP006012714 ISSN: 0013–5194 cited in the application the whole document SYMS R R A: "Long—travel electrothermally driven resonant cantilever microactuators" JOURNAL OF MICROMECHANICS AND MICROENGINEERING, MAY 2002, IOP PUBLISHING, UK, vol. 12, no. 3, pages 211–218, XP002255211 ISSN: 0960–1317 cited in the application figures 1,2 page 217, left-hand column, last paragraph GERLACH T ET AL: "Automatic adjustment of monomode optical waveguides by a microsystem" SEVENTH WORKSHOP ON MICROMACHINING, MICROMECHANICS AND MICROSYSTEMS IN EUROPE, MME '96, BARCELONA, SPAIN, 21–22 OCT. 1996, vol. 7, no. 3, pages 227–229, XP002255212 Journal of Micromechanics and Microengineering, Sept. 1997, IOP Publishing, UK ISSN: 0960–1317 the whole document HOFFMANN M ET AL: "MICROMECHANICAL CANTILEVER RESONATORS WITH INTEGRATED OPTICAL INTERROGATION" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. A44, no. 1, 1 July 1994 (1994–07–01), pages 71–75, XP000469157 ISSN: 0924–4247 page 71, left-hand column, paragraph 1 figure 1

		PC1/6B 03/0239/
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KAN S C ET AL: "Silicon-on-insulator (SOI) movable integrated optical waveguide technology" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 54, no. 1-3, 1 June 1996 (1996-06-01), pages 679-683, XP004077947 ISSN: 0924-4247 the whole document	1,25
A	US 4 311 999 A (GOODMAN JAMES R ET AL) 19 January 1982 (1982-01-19) column 5, line 16 - line 19; figure 6	2
A	EP 0 875 780 A (ROCKWELL INTERNATIONAL CORP) 4 November 1998 (1998-11-04) cited in the application column 13, line 54 -column 14, line 16; figure 10	2

Barr 1	Observations where contain claims were found unecomplete (Continuation of found of the state of
Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This inte	emational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X	Claims Nos.: 23,24 because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ornational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
з. [As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the calms; it is covered by claims Nos.:
Remark	on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

International Application No. PCTGB 03 02397

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 23,24

Present claims 23 and 24 relate to an extremely large number of possible systems. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the systems claimed. In the present case, these claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

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